

Patent Abstracts of Japan

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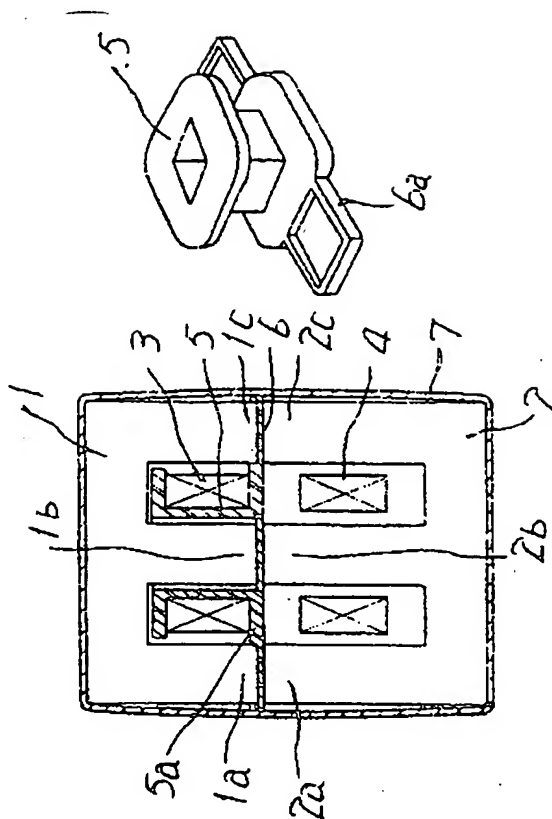
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APPLICANT : TOSHIBA ELECTRIC EQUIP CORP;

INVENTOR : KOBAYASHI HISAO;

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TITLE : HIGH TENSION TRANSFORMER



ABSTRACT : PURPOSE: To improve the insulation between the cores, keep the gap length between the cores in constant and simplify the production of a transformer without increasing a number of parts by a method wherein a spacer made in one body with a coil bobbin is placed between the cores.

CONSTITUTION: A spacer 6 having an enveloping fringe 6a is formed previously on a coil bobbin 5, and the primary winding 3 is wound on the bobbin 5. The bobbin 5 is inserted in the primary core 1, and the spacer 6 is made to contact with the end part of the core 1. Then confronting with the core 1, the secondary core 2 wound with the secondary coil 4 is inserted and constitute a high tension transformer. By the enveloping fringe 6a of the spacer 6, the insulation is improved and the location of the core 1 and the spacer 6 can easily be determined. Moreover the gap length between the core 1 and 2 is kept in constant, a number of parts is reduced and simplify the production.

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